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Precautions

For the correct use and good performance of the player, the user must fully understand the manual as well as strictly follow the instructions provided.

- Avoid high temperature (above 35°C) or low temperature (below -5°C).
- Never knock the main machine violently.
- Never contact with chemicals such as benzene, thinner etc.
- Do not close to strong magnetic field, electric field etc.
- Keep away from direct sunlight or heating appliances.
- Never privately dissemble, repair or modify the player.
- Using the player and the earpiece during bicycling, car and motorcycle driving is likely to cause danger.
- Never use higher volume, which may damage your hearing ability.
- Divide scraped packing, batteries, old electronic products and dispose them

properly.

Basic Features

- Brand new touch screen OS for direct and convenient operation
- 240*320, 260,000 color high speed TFT screen
- Music player: compatible with MP3 ， WMA, and WAV formats
- Recorder: for FM and MIC recording and compatible with MP3 and WAV formats
- Picture browser: for JPEG, BMP, formats
- Video player: for playing video of AVI,RMVB, 3GP format
- Support Camera, Video camera or PC camera
- FM Radio
- E-Book browser
- Compatible with Mini SD
- Settings: for setting and activating various features
- ADFU restoration and USB upgrading mode enabled
- USB2.0 high speed transmission

Basic Operation

System Configuration

OS: Windows XP/2K/ME/98 (driver installation needed) /Linux9 and above /Mac OS 10 / Windows 7
CPU: Pentium-133MHz at least
Memory: 32MB at least
Hard disk free space, 100MB at least
Video card: above 640*480, enhanced color at least (16 bits)

Power On

Slide the switch to “On” and the player will be powered on in 3 second. The player will prompt "Welcome" and then enter the main interface.

Power Off

When the player is on, slide the switch to “Off” and the player will be powered off in 3 seconds.

Lock / Unlock

In Video, Music or Radio mode, move the power switch to the lock position to lock the player so as to avoid careless button operation.
Unlock: move the power switch back to the original position and button and touch operation will be enabled again.

Volume Adjustment

Under Music, FM radio or Video mode, press +, – button to adjust volume. Press + to add volume, and press – to reduce volume.

Reset

If the player encounters dead halt during use, press RESET button to restart the player.

Connection to PC and Data Exchange

Connect the player to PC with the USB cable, and the player will enter “U disk” mode. Press MENU button or safely remove U disk, and the player will be under USB charging mode. In USB charging mode, touch the screen or press MENU to enter the main applications interface.

Charging

This player has high capacity lithium battery. For charging, connect the player to the USB port of the PC or to a charger. When the charger is used for charging, its indicator light is in red color.

Low Power

When battery power is low, the player will prompt and power off and enter Standby mode automatically. Do not power on and charge the player instead.
Charger current specification recommended: 400-500mA.

File Storage

Files of different types should be stored under different directories. For example, music file should be stored under MUSIC dir. Record file stored under RECORD dir. Picture files under PICTURE dir. Video files VIDEO dir. Text files TXT dir. the corresponding application unable to find the file If it is not saved in this way,

How to use MINI SD card

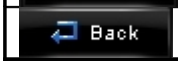
When this player is connected to PC, two movable disks will be found. The first one is the internal memory, and the second one is MINI SD card. If no card inserted, the second disk can not be opened. This player is compatible with maximum 4GB MINI SD card.

How to insert and pull out MINI SD card

How to insert: with the front (the side with characters) of the MINI SD card up (towards the screen of the player), slightly push to insert into the card holder of the player to connect. After the card is inserted, the player can play the files in the MINI SD card.
How to pull out: slightly push the MINI SD card and the MINI SD card will partly come out, and then pull the card out.

Note: please insert or pull out the card when the player is off, or the internal files of the player will be lost or damaged.

General Button /Icon Description

Button /Icon	Description
	Return to upper directory
	Return to main menu
	Delete file or folder
	Return to previous operation interface

Main Menu Interface

This player provides a touch screen OS for direct operation. The main menu interface is shown in the picture below:

1 . The system date and time is shown on the upper left corner of the main menu interface

. The battery is shown on the upper right corner of the main menu interface .

2 . Under the main menu interface, touch an icon on the screen, and the player will enter the selected mode.

3 . After the player enters a mode, touch the

icon on the bottom right corner or press and hold the MENU button to return to the main menu interface.

Music Mode

In the main interface, touch the “Music” icon to enter music mode.

Music Interface Description

Button /icon	Description
	Number of the song being played / Total songs
	Playing mode
	Playing sequence
	Playing style
	Song playing progress bar. Drag the bar to adjust playing progress.
	Volume bar. Drag the bar to adjust volume.
	Touch it to switch to previous song, long press for fast rewind
	Play /pause /stop the current song. Click the play button, and the button will be change to pause button. After a song is finished, it will change to stop button.
	Touch it to switch to the next song, press and long press for fast forward

Music Setting Interface

Click one of the 4 buttons at the bottom of the interface to enable an appropriate function.

Icon	Description
	Click Browser to enter different song lists - main directory, card directory, all songs, ID3 list, play list, and tag list.
	Click Settings to choose **SRS setting:** WOW, WOWHD, USER Click USER to enter user setting interface. Drag the bar or chick the options to set the functions. Click OK to confirm the settings. **EQ setting:** click to enter User EQ setting interface, move up or down the bar to select sound effect, and click OK to confirm.

	 Add list **Add tag** Click Back return to play screen.
ormat	Song information display.

Lyrics Display

The player is compatible with lyrics files of "*.LRC" format and enables playing song with synchronous lyrics. The name of the lyrics file should be the same as that of the song file. When there are the lyrics with the same name of the song being played under the play list directory, the lyrics of the song will be displayed on the playing interface.

Video Mode

In main interface, click the "video" icon to enter Video mode.

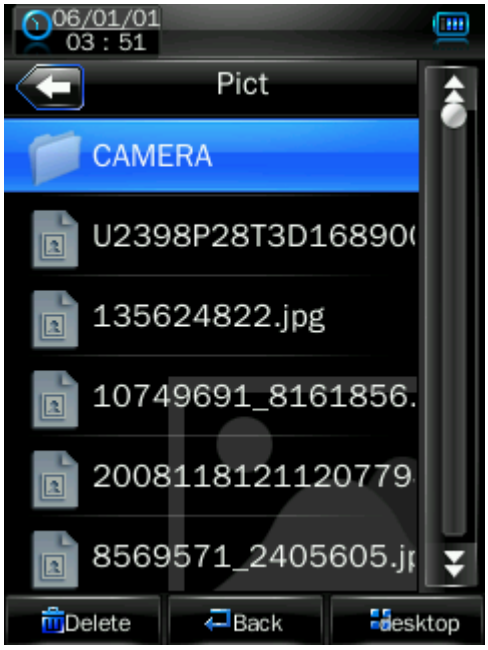
Directly click the video file on the screen to start playing the selected video.
When play a video file, the up/down buttons and the progress bar will appear automatically by touching the screen.

Button	Description
	Browse: local directory, card directory, tag list
	Tag: directly click the icon and a box pops out and prompts “tag saved”.
	Play: click and it will change to pause button , and click again to continue playing.
	Touch it and the Volume bar will pop out at the bottom. Drag the bar to adjust volume.
	Return to main menu
	Fast rewind: long press for fast rewind. Short press for the previous video file.
	Fast forward: long press for fast forward. Short press for the next video file.

Picture mode

1. In main interface, click the “Photo” icon to enter Picture mode.

Click to change to the List mode.

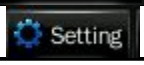


2. Directly click the thumbnail to browse pictures. Click the picture, and the buttons will appear automatically at the bottom of the screen.

Button	Description
	Manual play: click the button, and the button will change to , and click again to enter auto play mode.
	Main dir and card dir. return to upper directory to browse picture list.
	Slide interval: 1 -5 seconds
	Previous picture
	Next picture
	Return to the main menu

Radio Mode

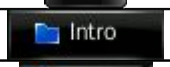
1. In the main interface, click the “Radio” icon to enter radio Mode.
2. If no headphone, the player will prompt the user to insert a headphone.

Button /Icon	Description
	Radio channel list, click to show radio channel list.
	Manual search: click to enter manual search mode; short press or button to manually search up /down for radio channels, and the player is mute where no channel being found.
	Auto search: click to enter auto search mode. All channels can be automatically searched and saved. After search is completed, the player will play radio at the preset channel 1. During channel search, click or button to stop auto search.
	Save channel
	Delete channel
	Change to channel of lower frequency
	Change to channel of higher frequency
	Radio mode change: click and the button will change to , and channel search will be paused.
	Enter FM station recording interface
	Select frequency range: China, Japan, Europe and US.

FM Recording Interface

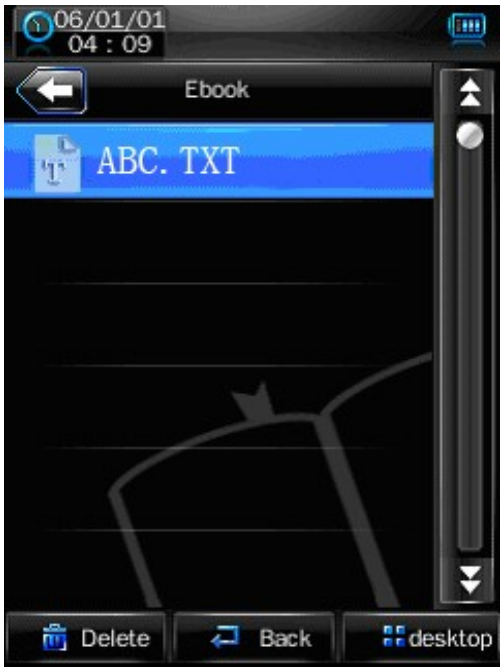
1. In Radio mode, click

to enter FM station recording interface.

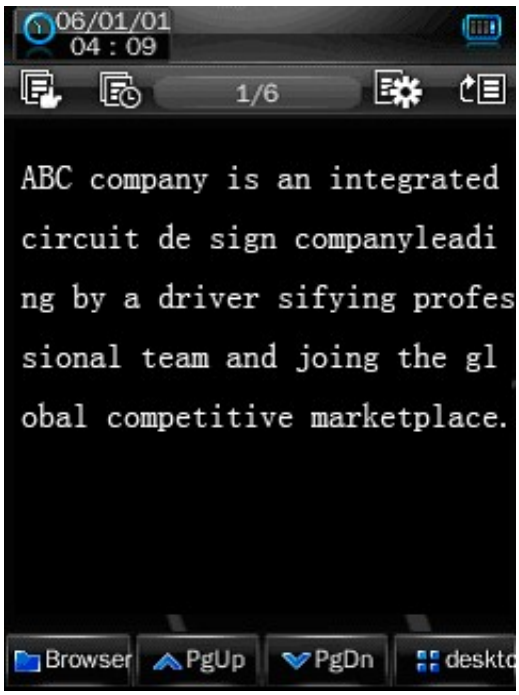
Button /Icon	Description
	Stop, click it and it will change to play icon to enter recording mode
	Save the recorded file.

View recorded file.
Record settings 1. Recording format: WAV &MP3 formats. 2. Quality: high, medium, low. 3. Recoding gain volume: level 1, 2, 3.

E-book Mode

1. In the main interface, click the E-book icon to enter the mode.



2. Select a TXT file to enter E-book browser interface.

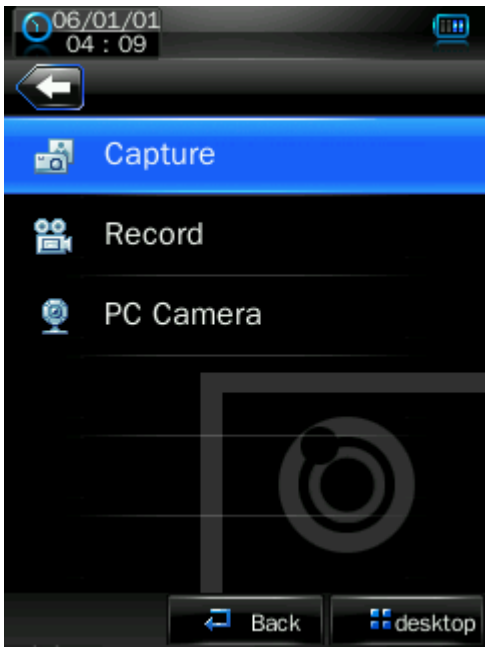


Button /Icon	Description
	Manual browse: click it and it will change to to enter auto browser mode.
	Auto browser time setting: 10 seconds, 15 seconds, 20 seconds, 25 seconds, 30 seconds.

	Save and pick tag, click to show the tag list, and then click to save or select tag. Click or the part outside Save tag box to exit from the tag setting box.
	Skip to: click to show “Skip to” dialogue box, and click or to select the skip percentage. Click outside part of the “Skip to” box to exit.
Browser	TXT file browser: local directory, card directory.
PgUp	Previous page
PgDn	Next page

Camera Mode

1. In the main interface, click the “Camera” icon to enter the mode.
2. In the menu, select one of 3 functions: camera, video camera and PC camera.



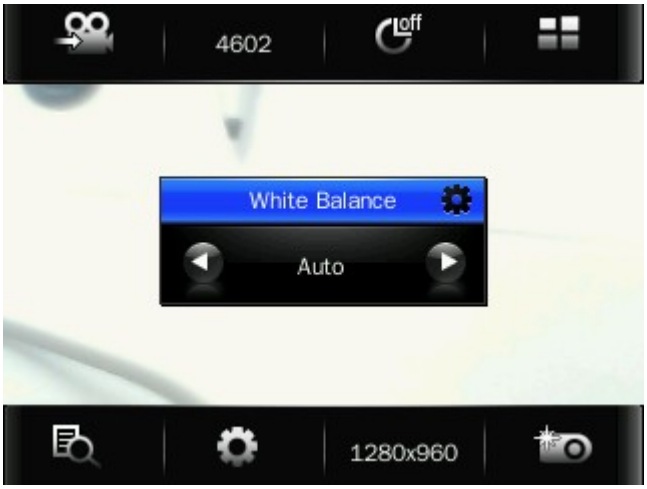
Camera Setting Interface

1. Click “camera” to enter the mode.
2. In frame interface, touch the screen and top & bottom button bar will appear. Touch again, and the up/down button bar will disappear.

Button	Description
	Switch to video camera mode.
	Number of pictures that can be taken.
	Self Shootting time setting: 5 seconds, 15 seconds, 20 seconds, off. Default setting is off.
	Return to the main menu.
	View the pictures.
	Picture mode settings 1. Special effect: White balance: auto, indoor, outdoor. Default setting is auto Brightness: value range -3 to +3. Default setting is 0. Exposure mode: auto, indoor, outdoor. Default setting is auto

	Special effect: off, black & white, sepia, negative. Default setting is off. 2. Save path: local device, card device. The default is local device Shutter sound: off, sound effect 1, sound effect 2 and sound effect 3; Default setting is sound effect 1. 3. Date stamp: off, date stamp or date and time stamp. Default setting is off. To make no settings, touch the screen outside the menu to exit.
1280x960	Resolution switch: 320x240, 640x480, 1024x768, 1280x960. 2048*1536
	Take picture

Take white balance setting as an example:

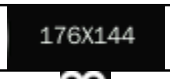


Click or to select among different mode, then click screen to confirm selection and exit.

Video Camera Setting Interface

1. Touch the screen and top/bottom button bar will appear. Touch again and the button bar will disappear.

Button	Description
	Change to camera mode.
AUTO	3 exposure modes: Auto (default), indoor (lamp) and outdoor (sun).
	4 types of special effects: black & white, negative, sepia, off (default).

	Return to the main menu.
	View video file.
	Video camera mode setting 1. Brightness: value range -3 to +3. Default setting is 0. 2. Save path: local device, card device. The default is local device. To make no settings, touch the screen outside the menu to exit.
	Resolution switch: 176x144, 224x176, 320x240.
	Start video recording

Video Camera Interface

Click to enter video recording interface, touch the screen and a button bar will be displayed at the bottom.

Button	Description
	Video recording: click to pause video recording.
	Save video file, and return to video setting interface.
Note: the video recording time is shown in the middle, on the left is the recorded time, and on the right is the available time remaining for video recording.	

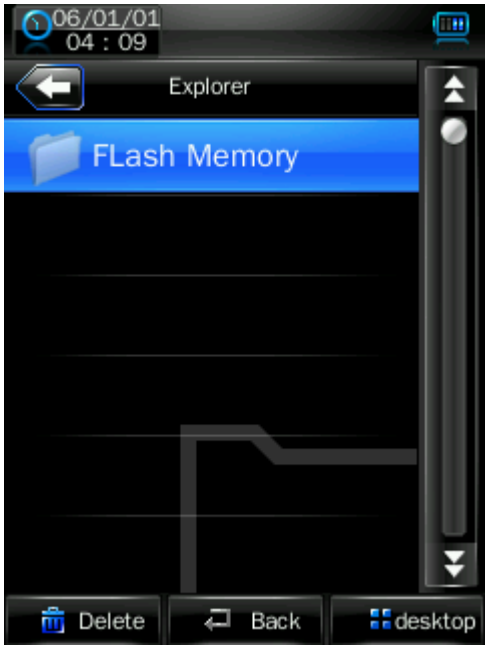
PC Camera

Select “PC Camera” function to enter PC camera mode, the player will detect if USB cable has been connected.

With the video conversion tool, this player can be used as a PC camera on PC to produce video or picture files. Please refer to Chapter Video Conversion Tool for more details on how to use the tool.

Explorer Mode

In the main interface, click the “Explorer” icon to enter the mode: Flash Memory and Card Memory (not displayed if no card inserted). All files and file folders in the player can be listed, and the user may play the compatible music, video, e-book and picture files under this interface; or, the user may directly delete the selected files.



Application

In the main interface, click the “Application” to enter the mode.

Recorder

Click recorder to enter internal MIC recorder interface. The operation is the same as that of FM recorder.

Calendar

Click or button to select month and year. Select date by directly clicking the number on the screen and the number will become blue color.

Stopwatch

Click “Start counting”, “Next” or “Clear” at the bottom to realize different functions. As counting begins, “Start counting” will change to “Pause”.

Calculator

Simply press the corresponding button.

Notebook

Only valid in Simplified Chinese and English writing.
Input characters in the input box.

Input Method

	Switch input methods, from left to right: English, numbers & symbols, Chinese, all input methods (can be used to recognize three types of characters).
1. Click "Chinese" button to use Chinese input mode, as shown above. After input, choose the appropriate Chinese character on the keyboard.	
	From left to right: delete the character before cursor, space and enter.
2. Click button .?123 to enter numbers & symbols input mode, and the keyboard is as follows:	
	Delete all characters
	Delete the previous character

3. Click “return” to return to Chinese input interface, or click ABCabc to enter English input interface.

4. After input, click OK button at the left bottom to save, and the player will automatically jump to notebook file list interface. Click Back to return to the input interface.

System Setting

In the main interface, click the “system settings” icon to enter the mode.

Player Information

Relevant read-only product information

Set Time

1. Time format: on or off.

2. Time and date: click and to set.

Language

languages available for selection: English, Simplified Chinese, Traditional Chinese, Japanese, Korean, France, German, Spanish, Portugal, Dutch, Italian. Simply click to select the appropriate language.

Display

1. Backlight time

Click and to set.

There are 9 options: 0 second, 5 seconds, 10 seconds, 15 seconds, 30 seconds, 1 minute, 5 minutes, 15 minutes and 30 minutes.

2. Brightness adjustment
There are 5 options: 1, 2, 3, 4, 5. The higher the level is, the brighter the LCD is.
Click the corresponding to icon to set.

Calibrate

When the touch screen position is not accurate, recalibrate with this function.
After the player enters this mode, touch the center of calibration sign + to calibrate.

Power Off Setting

Sleep time: click and to set.

There are 6 options: off, 10 minutes, 15 minutes, 30 minutes, 60 minutes and 120 minutes. The setting will change to the default value “Off” if re-start the player.

Default Settings

After the player enters this mode, the player will prompt an auto warning about whether to restore system default setting or not.

Click “Ok” to restore factory default settings. Click “Cancel” to abandon this restoration.

Upgrade

After clicking this icon, the player will enter “hardware upgrading” warning interface. At this point, connect the player to the USB port of a PC to update the firmware of the

player. Touch “cancel” on the screen to abort this upgrading.

Other Settings

Format device: click “format system disk” or “format card” to start formatting, and the selected item will become blue color. The system will pop up a confirmation box as follows:

Select device: click “U disk” or “MTP device” to select the device connection mode with PC, and the selected item will become blue color.

Video Conversion Tool

Video conversion tool is used to convert AV files into advanced AVI or WMV video file format to make them viewable on this player; or to take pictures or record video files when this player is used as a PC Camera.

Operating Platform

For Windows2000, Windows XP, Vista, DirectX, Version 9.0 or above should be used. It is not recommended to use this tool under Windows98 or Windows Me.

What format can video files be recorded into

This tool can be used to record video files of 320*240, 30-frame AVI format.

What format can picture files be taken into

This tool can be used to take picture files of 320*240, JPG format file.

Automatic Installation

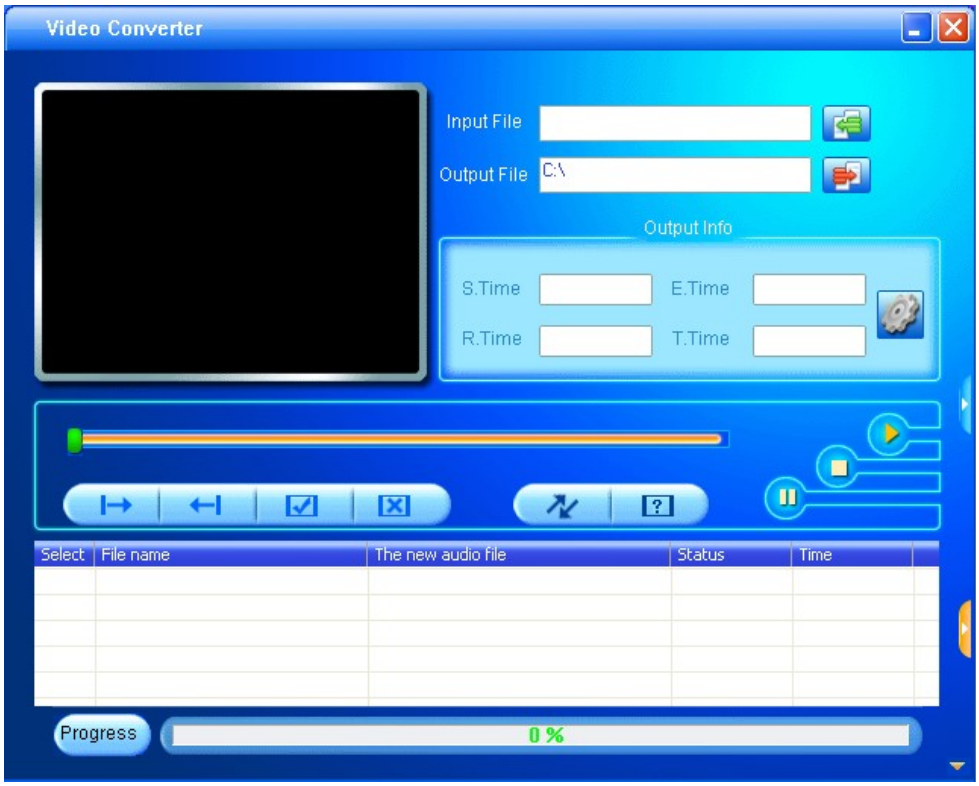
Start PC, enter Windows system, place the tool installation CD into the CD-Rom, and the installation will be automatically run. Please follow instructions to click “next step” button, and click “off” button when installation is completed successfully.

Manual Installation

If automatic run is not set up in the PC, then the installation needs to be started manually:
First, double click the Setup.exe file under the root directory of the CD to start the installation guide; follow instructions to click “next step” button, and click “off” button when installation is completed successfully.

Video File Conversion

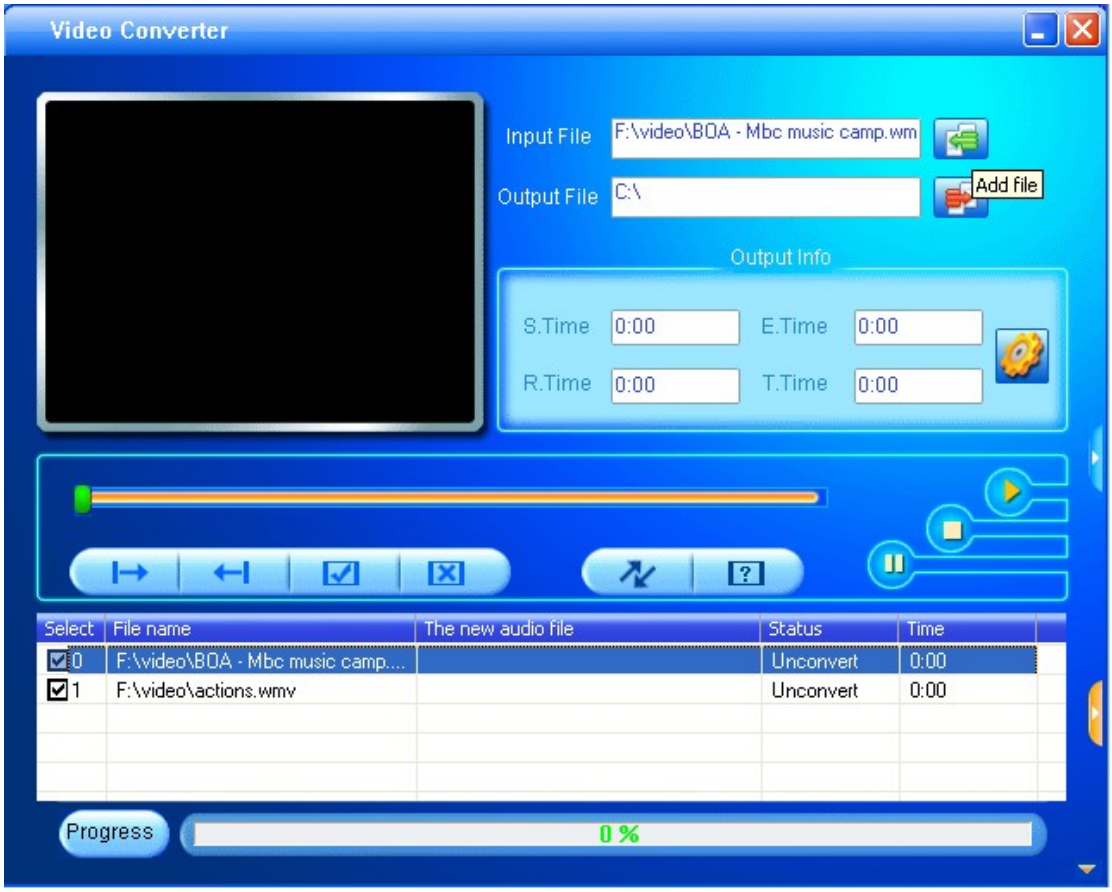
1. Running this tool.



2. Adding AV files

Run software, click the “add file” button on the right side of the “input file” column to add AV files to be converted, and a dialogue box will automatically pop out for adding one or more AV files.

After the file is added, the path of the AV file will be displayed in the “input file” field as shown below; and, relevant information of the added file, such as the check box, file name and path, status and file length, will be displayed in the status column.



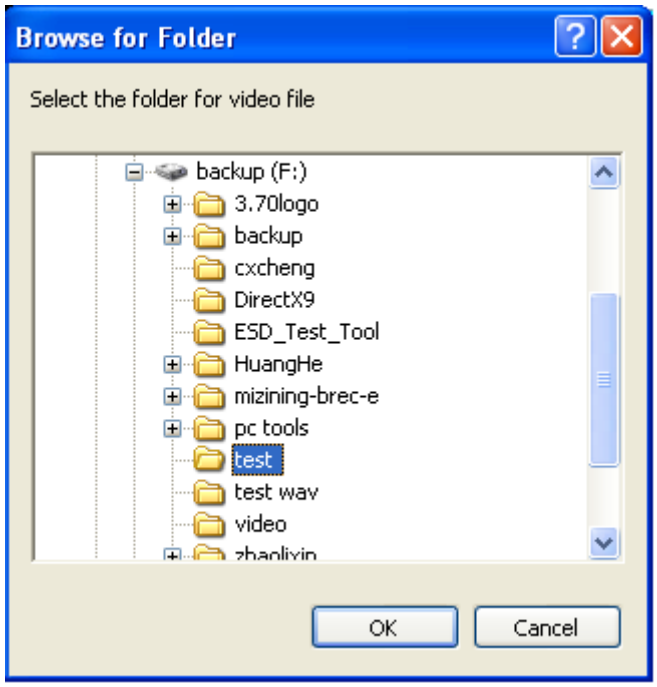
3. File conversion

1) Select the file to be converted

In status column, on the left side of each AV file name, there is a check box and a sequence number. The check box is used to choose a plurality of AV files to be converted, and the newly added AV files are checked as default setting. If a file is not checked, it indicates that this AV file will not be converted. In addition to directly tick the check box, the AV file may also be selected or removed by right clicking the mouse over the file and choosing “select” or “remove” in the pop-out window. To remove any AV file from the adding list, simply right click the mouse over one or more AV files, select “remove”, and the files will be removed from the list.

2) Select the storage path of the video files

This conversion tool uses C:\ as the default path for storage of video files. Before file conversion, click the video storage path button on the right side of the “output file” column to specify the location for saving the video file. When the “browse file folder” dialogue box pops out, select the specified storage path, and then click “confirm” button.



Afterwards, the path in which the video files are stored will be displayed in the "output file" column of the conversion tool interface.

3) Properties setting

Before converting AV files, some important parameters of the video files need to be set, such as the type (AVI or WMV), the intercepted part and the length of the video file, image exchange, image quality. There are two methods to enter the properties setting interface:

A. After selecting one or more AV files, click the settings button in the "output information" column to enter;

B. After selecting one or more AV files, right click the mouse and select "settings" to enter;

"Select" here does not mean checking the AV file in the check box, but using the mouse to click file name to make the file background color blue.

4) Start converting file

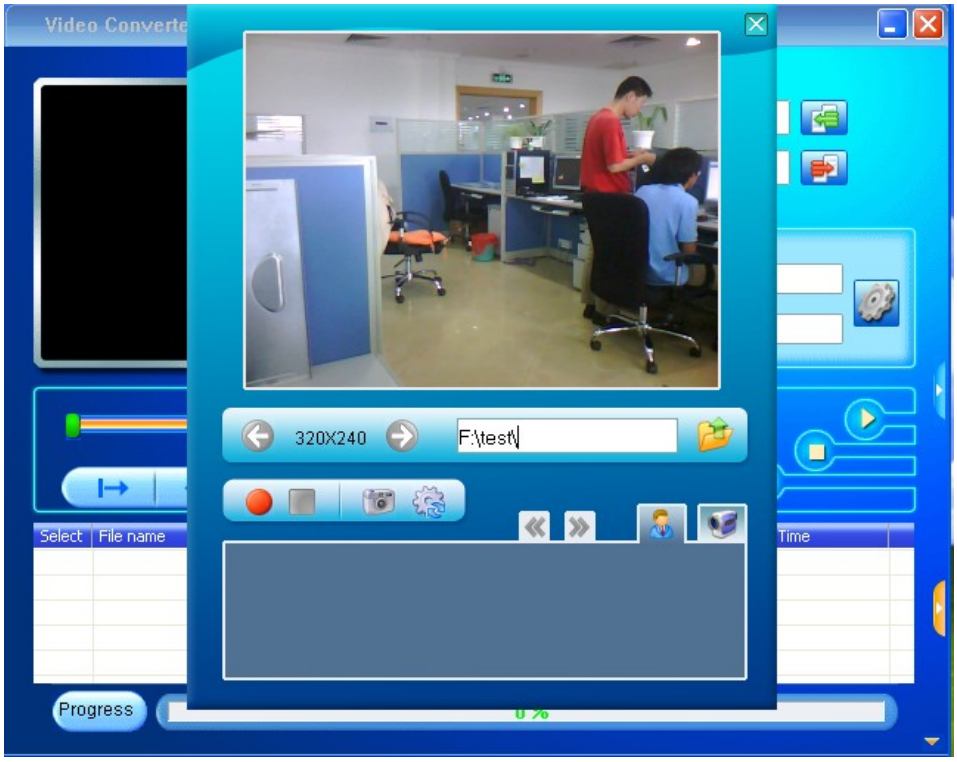
Confirm that the check box of the AV file to be converted is checked. Press the conversion button in the tool interface to start, the tool begins to convert all selected AV files of which the check box has been checked, and the file status will be changed from "not processed" into "being converted", and the conversion progress bar will be displayed in the conversion progress column at the same time.

In addition to the above file conversion methods, the AV files stored in the hard disk may also be selected and converted by right clicking the mouse and selecting the "start video conversion" in the pop-out menu, and the tool will automatically run and directly start file conversion.

Recording Video and Taking Pictures

1. Opening the video window

When the PC camera is connected, the tool will automatically pop out the video window; when the PC camera connection is completed, and the video window is in hidden status, click the icon on the right side of the tool interface to make the video window shown. If the PC camera is not connected, click the button and the tool will prompt "PC camera not connected".



2. Recording video and taking pictures

Default storage directory is the same as the storage directory of the converted video files, which can be specified by clicking the icon in the "select directory"

window. The changed path will be displayed in the path column. Click icon to enter the PC camera setting interface to change parameters for recording video or taking pictures.

3. Recording and playing video

Record: in the viewfinder status of the video interface, click the icon to start recording video files, and “video recording” will be displayed at the bottom of the video interface. When a video file is being recorded, the start icon becomes a pause icon, and at the same time the stop icon is active.

Pause: under the recording mode, click the icon to pause recording, and at the same time the start and stop record icons are active.

Stop: under recording or pause recording mode, click the icon to stop recording and save the video file to the specified directory, and at the same time the start icon is active; return to the viewfinder interface, the thumbnail icon of the video file will be displayed at the bottom of the viewfinder interface.

Play video: when the recorded video file is saved, click the icon in the video interface to preview the thumbnail icon of the video file, and click icon to switch between thumbnails; double click the thumbnail icon of the file to open a play window and start playing the video files.

4. Taking and previewing pictures

Taking pictures: in the video interface under viewfinder mode, directly click the icon to take pictures, and at the same time picture files are saved under the specified directory.

Previewing pictures: upon completion of storage, pictures are displayed in thumbnail icons at the bottom of the interface; click icon to switch between thumbnails, and double click the thumbnail icon of the pictures to start preview.

Notices

1. To convert files of RealPlay, QuickTime or MPEG2 formats, please first install appropriate decoder.
2. To convert files of RealPlay, QuickTime or MPEG2 (DVD) formats, if the files cannot be directly played with the Windows Media Player in the PC, then an appropriate decoder for the Windows Media Player shall be installed. Until the files can be played properly with the Windows Media Player can proper conversion be completed, or this tool will not run properly.
3. This tool cannot be used to produce sound or display Chinese characters in the AVI video file converted from Flash animation (SWF file).